



South Carolina Department of Health and Environmental Control Modification Information

Haile Gold Mine, Inc. **Lancaster County, South Carolina** Mine Operating Permit I-000601

- Location:** Haile Gold Mine is located in Lancaster County approximately two miles northeast of the city of Kershaw, South Carolina, at Highway 601 and Haile Gold Mine Road.
- Operation:** Gold Ore (rock that has gold in it) will be blasted and removed from seven pits to be opened one at a time. Haul trucks will then move the ore to a crusher to begin processing.
- Processing:** The processing operation proposed for this site involves standard techniques used at other gold mines currently operating in the United States. The gold will be separated from the ore on-site by many processes, including crushing, grinding, flotation, and chemical separation. During one stage of the process the gold will be separated from the rock using a sodium cyanide solution. After processing, the leftover rock (known as tailing) will be sent to a lined tailing storage facility.
- Reclamation:** Reclamation is returning the affected land to a useful purpose while protecting the natural resources of the surrounding area. Reclamation at this site will establish, on a continuing basis, a vegetative cover, soil stability, acceptable water quality and other safe conditions appropriate to the area. Four of the excavated pits will be completely backfilled with materials generated during mining and seeded with perennial grasses. Two of the pits will merge, be partially backfilled, and then allowed to fill with water. The remaining pit will serve as a pit lake.
- Maximum Depth:** The deepest pit will be mined to a depth of 840 feet and the shallowest pit will be mined to a depth of 110 feet.
- Acreage:** The permitted area totals 4,231 acres. The permitted area is made up of the *affected area* (2,883 acres), *future reserves* (736 acres) and *buffers* (612 acres).

The *affected area* is any land disturbed by mine activity (pits, roads, stockpile areas, processing plants, etc.). The amount of the reclamation bond is determined by DHEC based on this acreage. *Future reserves* are areas containing mineral deposits that have the potential to be mined in the future. The operator must submit plans to DHEC before working in future reserves. Typically, *buffer* areas are lands not to be disturbed. These areas serve several purposes including maintaining distance between mine activities and adjacent properties. The operator must contact DHEC prior to any disturbance of the buffer areas (like removing timber).

HOW DO I SUBMIT COMMENTS TO DHEC?
(See the back page)

DHEC HAS NOT MADE A DECISION ON THIS PERMIT ACTION!

**COMMENTS SHOULD BE SUBMITTED TO DHEC
BY 5:00 P.M. ON FEBRUARY 17, 2011**

Where to submit comments: **Marianna DePratter**
 SC DHEC
 Division of Mining and Solid Waste Management
 2600 Bull Street
 Columbia, SC 29201

Phone: (803) 896-4263
Fax: (803) 896-4001
E-Mail: depratmp@dhec.sc.gov

Appointments can be made to review the permit application by calling (803) 896-4263. Individuals with disabilities or special needs who want to review the application should contact DHEC at least one week prior to the end of the comment period to discuss any special services required.

**For more information on this modification, including the permit application, site maps and proposed reclamation plan, go to the DHEC Web Page at http://www.scdhec.net/environment/lwm/public_notice.asp and click on
Intent to Modify Notice – I-000601, Haile Gold Mine Inc.**

**For additional information on DHEC's Mining Program please visit:
<http://www.scdhec.gov/environment/lwm/html/mining.htm>**

**The permit application submitted by Haile Gold Mine, Inc. is for expanding and reopening the existing mine. Please note that detailed information in this fact sheet has been obtained from the permit application. This information may change based upon complete review of all comments and other information received by DHEC.*